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**PATENT**

10      **ANTISENSE OLIGONUCLEOTIDE WHICH INHIBITS EXPRESSION OF THE  
OB-RGRP PROTEIN AND METHOD FOR DETECTING COMPOUNDS WHICH  
MODIFY THE INTERACTION BETWEEN PROTEINS OF THE OB-RGRP  
FAMILY AND THE LEPTIN RECEPTOR**

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20      **AVENTIS PHARMA S.A.**

**INSERM**

25      **ABSTRACT**

30      The present application relates to antisense oligonucleotides which inhibit expression of the OB-RGRP protein and to uses thereof for preventing and/or treating leptin-related pathological conditions.  
It also relates to a method for detecting compounds which modify the interaction between proteins of the OB-RGRP family and the leptin receptor. This detection  
35      may be carried out by measuring the energy transfer between fusion proteins composed of these proteins and of energy-donor and -acceptor proteins.